

20000405.qrp v01_n782.qrl.20000405

Date: Wed, 5 Apr 2000 19:03:08 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1782

QRP-L Digest 1782

Topics covered in this issue include:

- 1) [67217] QRQ Net Practice Sentences.
by Ed Loranger <we6w@qsl.net>
- 2) [67218] Re: SRF5270 48A Spec?
by "Bob Tellefsen" <n6wg@earthlink.net>
- 3) [67219] PROP: Flares & storming in progress
by "Paul Harden, NA5N" <na5n@rt66.com>
- 4) [67220] Re: Tech America Soldering Station
by k5zty@juno.com
- 5) [67221] Re: Tech America Soldering Station
by Rich Mulvey <mulveyr@iname.com>
- 6) [67222] Re: QRPTTF and Appalachian Trail contacts (for AT award)
by David M Kopacki <kf2ew@juno.com>
- 7) [67223] WTB: 217, 220, 224 - Argosy stuff
by Dave Redfearn <n4elm@home.com>
- 8) [67224] FS:Yaesu FT-840 w/Inrad CW Filtre
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 9) [67225] Re: Tech America Soldering Station
by Chris Trask <ctrask@primenet.com>
- 10) [67226] CLUB: WestFLA Meeting This Saturday, 8 April 1999 - Construction Project!
by "Stephen D. Cohen" <scohen@tampabay.rr.com>
- 11) [67227] QRPTTF questions
by Bob Nielsen <nielsen@primenet.com>
- 12) [67228] Shack Spring Cleaning
by Mark Sailer <msailer@buoy.com>
- 13) [67229] Re: QRPTTF questions
by "Paul Harden, NA5N" <na5n@rt66.com>
- 14) [67230] Value of a Hamradio center dual paddle and opinion of A vibro (code warrior)
by "Michael Herman" <kc9nf@hotmail.com>
- 15) [67231] Re: Value of a Hamradio center dual paddle and opinion of A vibro (code warrior)
by "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>
- 16) [67232] Replies to Postings
by "Maddog 'n' Miracles" <maddog@io.com>
- 17) [67233] Re: ANT: SG-237 SmartTuner & QRP
by Donald I Roher <donroher@juno.com>

- 18) [67234] Re: Tech America Soldering Station
by BenNW7DX@aol.com
- 19) [67235] qrp AM transmitter needed for school project
by "Donald Philbin" <donaldphilbin@hotmail.com>
- 20) [67236] Re: SG-237 SmartTuner & QRP
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 21) [67237] NC40/A front panal needed...
by Patrick Armstrong <aa7fg@gte.net>
- 22) [67238] re:20m Centennial
by neil tanner <ntan@crosslink.net>
- 23) [67239] [FS] (Trade? Whatever?) RE: 217, 220, 224 - Argosy stuff
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 24) [67240] Re: T2R2 on a chip
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 25) [67241] Re: qrp AM transmitter needed for school project
by w8ln@ifreedom.com
- 26) [67242] Re: qrp AM transmitter needed for school project
by aa5yx@juno.com
- 27) [67243] No Interest
by Ed Loranger <we6w@qsl.net>
- 28) [67244] Re: Tech America Soldering Station
by David Ek <ekdave@earthlink.net>
- 29) [67245] Re: No Interest
by Michael Melland <badger@vbe.com>
- 30) [67246] Club Forum: KI6DS & ArkieCon
by "Doug Hendricks" <ki6ds@hotmail.com>
- 31) [67247] Re: Tech America Soldering Station
by Jimbob <kw3u@warwick.net>
- 32) [67248] Re: Help ID FAR Circuits PC Board
by Charlie Panek <charlie_paneke@agilent.com>
- 33) [67249] Traffic Relay Net?
by Ed Loranger <we6w@qsl.net>
- 34) [67250] Argonaut 509 fun.
by Ed Loranger <we6w@qsl.net>
- 35) [67251] Really loooooooooooooong quotes...
by Larry East <w1hue@amsat.org>
- 36) [67252] Re: Tech America Soldering Station
by "Dave Ek" <ekdave@earthlink.net>
- 37) [67253] ArkieCon
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 38) [67254] Tech America Soldering Station Owners Unite!
by "Dave Ek" <ekdave@earthlink.net>
- 39) [67255] Re: No Interest
by "J. Ervin Bates" <w8erv@email.msn.com>
- 40) [67256] SST-Tick1 interfacing question
by Allan G Taylor <agtaylor@llnl.gov>
- 41) [67257] Re: No Interest
by "Mark Hogan" <mhogan@email.msn.com>

- 42) [67258] Re: ArkieCon
by "Paul Harden, NA5N" <na5n@rt66.com>
- 43) [67259] Re: Traffic Relay Net?
by Allan G Taylor <agtaylor@llnl.gov>
- 44) [67260] Low Frequency 1750-meter band
by n4so@juno.com
- 45) [67261] Re: No Interest
by Marty <N5NW@midsouth.rr.com>
- 46) [67262] Free New Version QRP Dupe Logging Program
by Brian Kassel <bkassel@dancris.com>
- 47) [67263] Re: T2R2 on a chip
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 48) [67264] Re: Low Frequency 1750-meter band
by Russ Hines <radioruss@fuse.net>
- 49) [67265] Source for FT-243 crystals
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 50) [67266] CW: no interest
by David Heintzleman <pstrdave@kdsi.net>
- 51) [67267] RE: Source for FT-243 crystals
by Karl Kanalz <KKanalz@excel.com>
- 52) [67268] Re: No Interest
by "Chuck Carpenter" <w5usj@globeco.net>
- 53) [67269] Re: No Interest
by Roger Hightower <n7kt@worldnet.att.net>
- 54) [67270] WTB: Used mobile CW/SSB all band transceiver for < \$500 ??
by kb9iua@juno.com
- 55) [67271] Re: WTB: Used mobile CW/SSB all band transceiver for < \$500 ??
by "George T. Baker" <w5yr@att.net>
- 56) [67272] Re: WTB: Used mobile CW/SSB all band transceiver for < \$500 ??
by "Mark Hogan" <mhogan@email.msn.com>
- 57) [67273] Arkiecon post-qrp forum Q&A
by Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
- 58) [67274] ArkieCon Help
by "Ron Polityka" <wb3aal@talon.net>
- 59) [67275] For Sale: Norcal 20 w/ Anodized Enclosure
by "Paul Christensen" <paulc@mediaone.net>
- 60) [67276] Re: Traffic Relay Net?
by "Barry L. Geipel - AD6HR" <bgeipel@primenet.com>
- 61) [67277] Re: Low Frequency 1750-meter band
by "Steve Yates, AA5TB" <aa5tb@swbell.net>

Date: Tue, 04 Apr 2000 16:04:05 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>
Subject: [67217] QRQ Net Practice Sentences.
Message-ID: <38EA74E5.2EE811AB@qsl.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here are the QRQ net practice sentences for this week.

References: 1) QST, unknown year; 2) QST, 1984;
3) Ham Radio, 5/1990

#1. A full-wave loop-yagi is coaxially fed at the top.

#2. A superb diode ring mixer consists of mesh Schottky diodes.

#3. The Gottingen Heart antenna sports a 10 to 1 operating frequency range.

NET TIMES:
Sunday, 7 PM Pacific, (Monday, 0200Z UTC)
7039 KHz

Depending on the number of check-ins we will send 1 to 3 sentences when QRS below 40 WPM and all 3 sentences for sure at 40 or better WPM.

Am interested in suggestions regarding an idea I have for a 40 Meter Novice band QRQ net (sending net) from 5 to 18 WPM practice. Not sure of my time on all this but am thinking about you folks!

72/Ed we6w

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
Brain, only as strong as its weakest think.

Date: Tue, 4 Apr 2000 16:30:44 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [67218] Re: SRF5270 48A Spec?
Message-ID: <01bf9e8d\$cc933500\$9dda9c9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Tom

That's consistent with what they told me also. I'm the one who was asking. Since Mot does custom manufacturing for others, the design and specifications of the device belong to the customer. Mot isn't allowed to divulge info, as the device isn't theirs.

I appreciate your efforts, however.

I think I'll have to sort of reverse engineer these devices, by trying them out in a few circuits to see at what point they blow up :-)

73, Bob N6WG

Date: Tue, 4 Apr 2000 17:52:43 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-1@lehigh.edu
Subject: [67219] PROP: Flares & storming in progress
Message-ID: <Pine.SUN.4.10.10004041732001.4554-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

Both the sun and the interplanetary magnetic field went crazy today, even though no major flares occurred. As a result, band conditions will be shaky over the next few days, running into the weekend. (Not counting what may occur tomorrow).

THE SUN had a C-class and M-class flare today, not optically correlated (meaning not observed by earth based observatories) but detected by the SOHO satellite, along with a coronal mass ejection (CME) in progress. Most importantly, around 2000UTC, there was a fairly large PROTON FLARE. This is an energetic flare that breaks down the atoms, flinging large amounts of protons at the earth. So far, they have been measured at the >10MEV level, or quite energetic. Protons take several hours to reach the earth, as opposed to 3 days for the particle radiation to reach us, so it's effect is already being experienced. When the earth gets bombarded by protons, it causes several things to happen, depending upon the proton density:

1. Can cause damage to satellites. As the protons pass around and through the "skin" of a satellite, it can cause large voltage potentials to occur, possibly damaging internal electronics. It can also cause interference to the earth-satellite RF path, so cable TV and things can get noisy, weak signals, fadeouts, etc.
2. Protons can penetrate our atmosphere down to, and including the D-layer

and ionize the D-layer for enhanced absorption to HF signals. This assuredly will occur at the polar regions, causing a PCA ... a Polar Cap Absorption event. Very high attenuation for the guys up north.

3. This bombardment of protons into the polar regions will trigger enhanced auroral activity, pushing it southward to along the VA/US border.

For HF, it mostly means all bands, 40 through 10M, will be experiencing varying levels of noise, loss of propagation and high signal loss.

THE INTERPLANETARY MEDIUM, that is the solar wind, changed directions today from it's normal "northward" orientation to a southward one for a while. This directional change disturbed our magnetic field, triggering periods of MAJOR geomagnetic storming earlier today. The K index reached 6 and the A-index (so far) around 22. It is currently at K=3, or ACTIVE conditions. This will effect the lower bands, predominantly 40M later tonight with bursty static and higher than normal absorption of signals.

This came from an area about smack center in the sun, so the shock wave from today's event will reach us late on April 7th or early on the 8th. This could trigger further minor to major storming.

This does not shut down the HF bands, or severe enough to cause an HF blackout. But between the two separate events, all bands will experience various levels of disturbance over the next day or two. Presented here mostly to warn you what's happening and for informational purposes.

Today's solar flux was 207, or quite high.

I'll make some printouts of the proton levels, shift in the interplanetary magnetic field, etc. for my talk this weekend at Ft. Smith, Arkansas. Of course there is a chance the killer flare could occur in the next few days, destroying all life as we know it on our planet. In this case, I might be late with the handouts! :-)

72, Paul NA5N

Date: Tue, 4 Apr 2000 19:36:52 -0500
From: k5zty@juno.com
To: ctrask@primenet.com
Cc: qrp-l@lehigh.edu
Subject: [67220] Re: Tech America Soldering Station

Message-ID: <20000404.193936.-104925.2.k5zty@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

He's not talking about the Edsyn, he's talking about the TECH AMERICA, and it is a piece of junk. The tips are huge and clunky. A friend of mine bought one of them and brought it to me to critique for him before he heated it up. I looked at it and told him to send it straight back to Tech America. 100% JUNK. Looks like it was made in some 3rd world country.

Bill, K5ZTY

Houston, TX

On Mon, 3 Apr 2000 18:58:48 -0700 (MST) Chris Trask <ctrask@primenet.com> writes:

>

> I beg to differ here, albeit mildly. I have a pair of these

> at

> home for my bench, and I have a pair at work. Everyone else uses

> Wellers

> So there. Nyah. :{D

>

> Chris

>

>

> On Mon, 3 Apr 2000, John J. McDonough wrote:

>

> > Santa brought me one of those Tech America soldering stations, and

> it's

> > pretty much been sitting here until I finally broke out the NC-20.

> I

Date: Tue, 04 Apr 2000 21:33:59 -0400 (EDT)

From: Rich Mulvey <mulveyr@iname.com>

To: k5zty@juno.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [67221] Re: Tech America Soldering Station

Message-ID: <XFMail.20000404213359.mulveyr@iname.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 8bit

MIME-Version: 1.0

On 05-Apr-2000 k5zty@juno.com wrote:

> He's not talking about the Edsyn, he's talking about the TECH AMERICA,
> and it is a piece of junk. The tips are huge and clunky. A friend of
> mine bought one of them and brought it to me to critique for him before
> he heated it up. I looked at it and told him to send it straight back to
> Tech America. 100% JUNK. Looks like it was made in some 3rd world
> country.

Interestingly enough, a lot of people bought these stations last fall when T.A. first came out with them. I've used mostly Edsyns & Weller stations in the past, but got the T.A. station for use at home. It compares very well with the others, and the construction is certainly as good. Heck, the controller case on the T.A. station is *substantially* more solid than any Weller in the same price range, although the pencil stand is merely adequate.

As for the tips - well, I just finished a K2 with a bunch of options, as well as some homebrew SMT projects, and even though my eyes and coordination aren't what they used to be, I certainly didn't have any problems.

- Rich

Date: Tue, 4 Apr 2000 21:47:08 -0400
From: David M Kopacki <kf2ew@juno.com>
To: aa5yx@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [67222] Re: QRPTTF and Appalachian Trail contacts (for AT award)
Message-ID: <20000404.214709.-149765.0.kf2ew@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Good evening. I am the op that John is referring to in his post. I had the good fortune of meeting John in person last weekend as we hiked up the AT together to check out my operating position. We are planning to get together for some campside dinner on 4/28 and head to our respective positions early Saturday morning.

Like he said, we'll be operating prior to QRPTTF for some AT contacts. I'll be starting by 9:00 am on 7.040. I'll be calling 'CQ AT' and looking for as many trail to trail contacts as possible. I will continue to look for trail to trail contacts during the contest. Yes, I know they won't count towards the award. That's okay, I'm out there for fun.

Anybody else out there going to put your state on the air for trail to

trail that Saturday?

Mike, KF2EW

On Tue, 4 Apr 2000 06:18:24 -0400 aa5yx@juno.com writes:

> Good morning,
>
> As some of you know, the Eastern PA QRP club sponsors various
> versions of
> an "AT Award" for making QSOs with each of the 14 states that
> contain a
> stretch of the Appalachian Trail. One of the rules for this
> interesting
> award states that QSOs made during contests do not count for award
> purposes.
>
> During QRPTTF, myself and at least one other QRPer will be camping
> out
> from 4/28 to 4/30 on different sections of the AT in New Jersey
> (near
> bodies of water, of course!) and are interested in making contacts
> before
> and after contest hours that will count for award purposes.
>
> Anyone else out there planning anything similar? I still need GA,
> CT, DE
> and VT from the Trail!
>
> FWIW, I will be at either Crater Lake or, get this - Wireless
> Mountain!
> Both are on the AT and about 1497 feet above sea level, but I will
> attempt to summit without using supplementary oxygen. ;-)
>
> 72 all,
>
> John Harper AA5YX/2
> HW-9, OHR-100A/20, Norcal 40A, SST30, SST40, DSW20
> Outdoor QRP Page: <http://home.att.net/~j..harper>
>
>
> -----
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!
> Juno now offers FREE Internet Access!
> Try it today - there's no risk! For your FREE software, visit:
> <http://dl.www.juno.com/get/tagj>.

Date: Tue, 04 Apr 2000 21:12:26 -0500

From: Dave Redfearn <n4elm@home.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, ten-tec@contesting.com
Subject: [67223] WTB: 217, 220, 224 - Argosy stuff
Message-ID: <38EAA10A.181CB2AF@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Looking for:

217 - 500 Hz CW filter
220 - 2.4 Khz SSB filter (or the original 4 pole SSB filter)
224 - audio filter
2?? - calibrator

for an Analog Argosy.

Have a 218 - 1.8 Khz SSB filter and 1124? - amplifier keyer board
for trade or swap

73 - Dave

=====

Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Tue, 4 Apr 2000 22:21:06 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [67224] FS:Yaesu FT-840 w/Inrad CW Filtre
Message-ID: <200004042224_MC2-9FEC-B24C@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Gang:

Have decided to part with my Yaesu FT-840 transceiver. Power out
adjustable from QRP to QRO level (100 watts). Excellent rig with a good
quiet receiver. Also includes an Inrad 500 hZ CW filtre which gives
exceptional selectivity with practically no ringing.

This model is still current in Yaesu's inventory. You will see it listed in their large display ads in QST and CQ, at such radio houses as AES, Burghardt's and others. My unit has been meticulously cared for, never abused, never used out of doors, never used mobile.

Includes the manual and all original packing. Price (firm) is only \$500.00 which includes the Inrad filter and insured UPS shipping to your QTH in the continental USA. If interested, please let me know. Thanks for reading.

72,

--Doc Lindsey/K0EVZ

DSBF

PO BOX 6028

Bismarck, ND 58506

(Shipping: DSBF, 2020 Lovett Ave, Bismarck, ND 58504)

K0EVZ@arrl.net

Date: Tue, 4 Apr 2000 19:25:46 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: k5zty@juno.com
Cc: qrp-1@lehigh.edu
Subject: [67225] Re: Tech America Soldering Station
Message-ID: <Pine.BSI.3.96.1000404192411.9305A-1000000@usr07.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If that's the case, then I'm mistaken. Usually when this subject comes up we're talking about the Edsyn 951.

Oh, well.

Chris

On Tue, 4 Apr 2000 k5zty@juno.com wrote:

> He's not talking about the Edsyn, he's talking about the TECH AMERICA,
> and it is a piece of junk. The tips are huge and clunky. A friend of
> mine bought one of them and brought it to me to critique for him before
> he heated it up. I looked at it and told him to send it straight back to
> Tech America. 100% JUNK. Looks like it was made in some 3rd world
> country.
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> Bill, K5ZTY
> Houston, TX
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> On Mon, 3 Apr 2000 18:58:48 -0700 (MST) Chris Trask <ctrask@primenet.com>
> writes:
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> > I beg to differ here, albeit mildly. I have a pair of these
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> > home for my bench, and I have a pair at work. Everyone else uses
> > Wellers
> > So there. Nyah. :{D
> >
> > Chris
> >
> >
> > On Mon, 3 Apr 2000, John J. McDonough wrote:
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> > > Santa brought me one of those Tech America soldering stations, and
> > it's
> > > pretty much been sitting here until I finally broke out the NC-20.
> > I
>

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      ,-----,
      /   What's all this   \
      / extinct stuff, anyhow? \
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```

High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Tue, 4 Apr 2000 22:40:53 -0400
From: "Stephen D. Cohen" <scohen@tampabay.rr.com>
To: "QRP-L Mailing List" <qrp-l@lehigh.edu>, "Bob Sacilowski" <spanky@afcon.com>,
"Paul Womble" <aj4y@arrl.net>, "Morris Bernstein" <w4rex@gte.net>,
"Bud Skoien" <ah6nz@aol.com>, "Lee Jarvis" <l2jarvis@mindspring.com>, "Bud

Murphy" <ac4my@arrl.net>, "Danny Conner" <kd5uf@arrl.net>,
Subject: [67226] CLUB: WestFLA Meeting This Saturday, 8 April 1999 - Construction
Project!
Message-ID: <NDBBJALMDCJHFFPJMMFKIEJDCHAA.scohen@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ladies and Gentlemen,

The next meeting of the Western Florida QRP Club will be held this Saturday, the 8th of April, 2000 at 10AM. The meeting will run until folks have had enough. This meeting will feature a the beginnings of a building project outlined below.

The WestFLA meetings run using the NorCal model, to wit, no new business, no old business, no business at all! It will simply be a meeting of like minded people to discuss QRP, homebrewing, kit building and the sort. As such, it is vitally important that people have things to discuss. Please bring a current project, special rig, piece of test equipment or some such to demonstrate and describe to your fellow ham. Perhaps something that Santa dropped under your tree.

As usual, coffee and donuts will be provided. A selection of door prizes will also be awarded, based on what members bring to give away. If you've got a treasure sitting in the junk box that you do not expect to use any time soon, why not bring it along for a door prize?

As usual, I will bring a selection of test equipment to the meetings to help folks with alignment and troubleshooting of their projects. I will have an oscilloscope, a counter and a signal generator with me.

Mac Steinmeyer, AF4PS will begin to lead us in a Manhattan style construction project this month. This project will build the equivalent of the NorCal SMK-1 only using through-lead components with the Manhattan construction style (pads glued to flat PCB, solder to the pads). Now, before the purists start complaining about turning a nice tiny SMT rig into a behemoth, we offer the following: 1) The components *are* mounted on the surface, and 2) This is a much simpler rig to introduce the beginner to Manhattan construction than the 2N2/40.

At this time, I am not certain how many kits of parts Mac will have available. I do know that if you have reserved a kit with Mac and want a hand getting started, you should bring appropriate construction tools (iron,

solder, superglue, etc.). For those of you who have not reserved a kit with Mac, perhaps he will have some extras, or be coaxed into doing another buy to organize more kits. I seem to recall Mac saying that the kit of parts will be in the \$25 to \$35 range, with very little left to scrounge for the end builder/user.

"So, Steve", you say, "Enough of the shuck and jive... Where is the place?". An excellent question. The TARC clubhouse is located in Tampa Florida. The directions to the clubhouse are:

Take I-275 North or South to the Sligh Exit. Once on Sligh, go east to 22nd Street. Turn left on 22nd Street and go the the very end. Once you are at the end of the street, the clubhouse is on your right next to the ball field. It will be obvious from the tower and antennas.

From north of Tampa, take route 75 south to 275 then follow the above directions.

From south of Tampa, take route 75 north until you get to route 4 west which runs into route 275. You have a choice at 275, and you want to go north on 275 from route 4 and follow the above directions.

From the east, take route 4 west until you run into 275 then take 275 north from there and follow the above directions.

There will be a talk-in on the 147.105(+) N4TP repeater. Just give us a holler if you get lost.

These directions are also available on the TARC web page at <http://www.qsl.net/w4dug/way.htm> which is also linked from the WestFLA web page at <http://www.qsl.net/westfla>.

Questions should be forwarded to westfla@qsl.net.

73,

Steve, N3OIE

Date: Tue, 4 Apr 2000 19:44:18 -0700
From: Bob Nielsen <nielsen@primenet.com>

To: qrp-1@lehigh.edu
Subject: [67227] QRPTTF questions
Message-ID: <20000404194418.B6688@primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I need clarification on a couple of points:

1. Does Puget Sound count as OC or WT? I assume it would be OC.
2. How close to the water does one need to be?

I'll be able to see a bay from the back yard of my new QTH.

The folks across the street have beach access and a dinghy, so I could do MM. A helium balloon and some small gage wire should work. I guess a length of bare wire with a rock tied to the end tossed overboard would make a reasonable counterpoise in salt water.

These questions are purely theoretical, as I will probably be still be enroute on the 29th, but in case I get there sooner I could throw something together. If the contest were a week later, I'd be all set.

In any case, I will be free of antenna restrictions for the first time in 16 years and expect to be able to make quite a few more contacts once I am set up.

--

Bob Nielsen, N7XY (RN2) nielsen@primenet.com
Tucson, AZ DM42nh QRP-L #1985 SOC #77 <http://www.primenet.com/~nielsen>

Date: Tue, 04 Apr 2000 22:44:37 -0400
From: Mark Sailer <msailer@buoy.com>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [67228] Shack Spring Cleaning
Message-ID: <38EAA894.E30DB20D@buoy.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have the following items I'm looking to part with. Not enough time, too many radios. Prices do not include shipping/insurance.

Heathkit HW-9 excellent condition with new unmarked manual
w/ WARC band kit . All original - no

mods \$300

Heathkit HW-8 excellent condition with copy of manual and mod sheets.
All original - no mods includes HWA-7-1 Power Supply \$225

Heathkit HW-7 mint condition. minor rub marks on case. with manual
All original - no mods includes HWA-7-1 Power Supply \$150

NorCal20 started to build. K2 got in the way.
includes 10 turn pot and manuals \$100

Email me direct if interested.
Pictures available uppon request.

--

====

Mark Sailer, N2JTW msailer@buoy.com
Lake Grove L.I., NY

Date: Tue, 4 Apr 2000 21:13:06 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: Bob Nielsen <nielsen@primenet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, jmedley@ix.netcom.com
Subject: [67229] Re: QRPTTF questions
Message-ID: <Pine.SUN.4.10.10004042059120.6045-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 4 Apr 2000, Bob Nielsen wrote:
> I need clarification on a couple of points:
>
> 1. Does Puget Sound count as OC or WT? I assume it would be OC.

Bob, and others with similar questions,

If you can take your photo showing the ocean in the field of view, then
it would be OC. If your location on Puget Sound is fairly inland
(where you can't see the ocean), I would think it would be WT.

But for those needing clarification, contact the NorCal Contest Manager,
Jan N0QT at n0qt@arrl.net

> 2. How close to the water does one need to be?

For OC, close enough that you can take a photo of your operation and see the ocean behind you in the same field of view. The same guidelines is true for the WT class (operation and water in same field of view) even though a photo is not required for WT.

We fully realize that once you get too near to the ocean, nasty things like salt water spray and sand can be damaging to equipment. Not to mention that low-tide, high-tide thing. We are not asking anyone to put themselves or their gear in any harms way.

> The folks across the street have beach access and a dinghy, so I could
> do MM. A helium balloon and some small gage wire should work.

In the past, we have received emails from those wishing to do QRPTTF from the Great Lakes or something from their boats. That is /MM. This is what this category is for - the seasoned sailor; those with some /MM experience. Don't go out and rent a deep sea fishing vessel and tackle the Straits of Juan de Fuca if you've never been at sea before! -hi. Again, we're not asking anyone to risk life and limb for an extra bonus point. As Jan says in her rules, we want you around next year too!

> In any case, I will be free of antenna restrictions for the first time
> in 16 years and expect to be able to make quite a few more contacts
> once I am set up.

Sounds like that makes it worth it right there.

72, Paul NA5N

Date: Tue, 04 Apr 2000 20:17:23 PDT
From: "Michael Herman" <kc9nf@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [67230] Value of a Hamradio center dual paddle and opinion of A vibro (code warrior)
Message-ID: <20000405031723.75817.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Whats the value of a Hamradio center dual key setup? anyone have a Vibroplex code warrior any gud?? Mike KC9NF

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 4 Apr 2000 23:01:09 -0500
From: "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>
To: <kc9nf@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [67231] Re: Value of a Hamradio center dual paddle and opinion of A vibro
(code warrior)
Message-ID: <004001bf9eb3\$941b1280\$2a3d0b3f@default>

Once upon a time I bought one of those for \$49. Was really disappointed with the feel of both the straight key and the paddles. So when I was offered \$75 I sold them. Hope that helps on the pricing question. Kinda crummy keys but a neat little piece of ham history. The hamtronics keyer that matched the keys still sells around Minneapolis for about 40-50 bucks.

Mike in Minnesota

-----Original Message-----

From: Michael Herman <kc9nf@hotmail.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, April 04, 2000 10:17 PM
Subject: Value of a Hamradio center dual paddle and opinion of A vibro (code warrior)

>Whats the value of a Hamradio center dual key setup? anyone have a Vibroplex

>code warrior any gud?? Mike KC9NF

>

>-----
>Get Your Private, Free Email at <http://www.hotmail.com>

>

Date: Tue, 04 Apr 2000 23:20:04 -0500
From: "Maddog 'n' Miracles" <maddog@io.com>
To: qrp-l@Lehigh.edu
Subject: [67232] Replies to Postings
Message-ID: <4.3.1.1.20000404231254.00c06190@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Please be aware, when posting your most recent message to the QRP-L mail list, if your e-mail client (application) automatically quotes the original

For the overseer of the mail-list (assuming there is one), I wonder if it isn't possible to detect and filter this prior to including it in mail-outs?

73,
monty

Date: Tue, 4 Apr 2000 21:07:55 -0700
From: Donald I Roher <donroher@juno.com>
To: aa5tb@swbell.net, qrp-l@Lehigh.EDU
Subject: [67233] Re: ANT: SG-237 SmartTuner & QRP
Message-ID: <20000404.211336.12566.0.DONROHER@juno.com>

```
On Mon, 03 Apr 2000 20:32:20 -0500 "Steve Yates, AA5TB"
<aa5tb@swbell.net> writes:
>Perhaps someone can shed some light on a tuner problem that I have or
>let me
>know if this is common with SGC tuners?
>
>I purchased a SGC SG-237 SmartTuner with the hopes of using it at QRP
>levels. Before I purchased it, I posted a request on a related news
>group
>requesting user thoughts. I had no negative responses regarding SGC
>autotuners in general although the SG-237 is a new model with few in
>the
>field it appears.
```

>
>The SG-237 is spec'd to operate with as little as 3 W of RF but I was
>skeptical so I contacted SGC themselves I they assured me it would
>work at 3
>W.
>
>Since I would be using it in a specific application using 5 W I went
>ahead
>and purchased the unit. Unfortunately, I am having problems with
>anything
>less than 10 W. The unit is supposed to remain tuned once a match is
>found
>and frequency/tune information is stored in non-volatile memory. For
>a
>given frequency, the unit should not try to retune unless a mismatch
>is
>detected. Unfortunately, if I tune at 10 W then reduce my power to 5
>W the
>unit tries to retune. The unit will not work in SSB mode because of
>the
>fluctuating power levels involved. I have built a nice control box
>for it
>that has a hold switch which I can use to prevent the unit from
>retuning but
>this should not be necessary.
>
>I have had a several contacts with SGC regarding the problem but they
>insist
>the problem is with my VSWR protection circuit in my rig even in light
>of
>the overwhelming evidence to the contrary. The evidence being:
>
>1. The tuner will not find a match condition when using my MFJ-9020
>which
>has 4 W CW output and no VSWR protection circuit.
>
>2. When my TS-130V is used to effect a match at 11 W (which it does)
>and
>then the power is reduced to 5 W the SG-237 begins trying to find a
>match
>again but can't. The frequency doesn't change during this test. The
>same
>thing occurs when the tuner finds a match in CW at 11 W but then the
>mode is
>switched to SSB.
>
>My next step is to work out a deal with SGC to send the unit in for
>warranty

>repair but because of their apparent lack of understanding of my
>problem I
>fear I will receive the unit back in the same condition.
>
>Any help will be appreciated.
>
>Please, no lectures as to why I should have purchased a LDG tuner :-)
>Actually, I needed something for a rugged permanent outdoor
>installation and
>the LDG tuners would require extra enclosure precautions that I didn't
>want
>to mess with.
>
>73,
>Steve Yates - AA5TB
>Fort Worth, TX - EM12gs
><http://home.swbell.net/aa5tb>
>
>
>

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Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Wed, 5 Apr 2000 00:23:50 EDT
From: BenNW7DX@aol.com
To: qrp-1@lehigh.edu
Subject: [67234] Re: Tech America Soldering Station
Message-ID: <4d.29ec270.261c19d6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello -

I bought the Tech-America soldering iron back when it was on sale, and I am perfectly happy with it. No, it may not be top of the line but it still Gets The Job Done. It is very rugged and the digital temp control is a plus. So far it has taken on both the DSW-40, the RedHot-20 and various other projects without a single problem. Hey, it works for me!

72,
Ben - NW7DX

Date: Tue, 04 Apr 2000 21:24:40 PDT
From: "Donald Philbin" <donaldphilbin@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [67235] qrp AM transmitter needed for school project
Message-ID: <20000405042440.97224.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

A friend is working with some students (4-6 grade) and they (each student) has built a crystal radio from an inexpensive kit and they all work. The kids are real excited and my friend is looking for a 100 mW AM transmitter on the broadcast band (FCC part 15 (??) allows 100 mW into the transmitter if the antenna and ground do not exceed thirty feet (if my memory doesn't fail me).

Any proven circuits? Maybe a 160 meter qrp transmitter we could modify??

Help!

D.K. Philbin KD6TK

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 04 Apr 2000 23:36:57 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67236] Re: SG-237 SmartTuner & QRP
Message-ID: <00d501bf9eb8\$aa12e7c0\$31773ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Here's a follow-up on the SGC SG-237 post I made yesterday:

First, many thanks to all of the direct responses I received regarding my query. In general, folks who have used any SGC SmartTuner have good things about say about them and folks told me to get my money back. Their autotuners have a proven track record although I have received indications that I'm not the first one to have problems at QRP levels.

Second, today I received another reply from SGC indicating that after a service manager reviewed my last correspondence with SGC he suspects the unit may really have a problem and requested that I return the unit and will

provide me with a 2 day turn around upon receipt.

I disassembled my SG-237 set-up today (it had already grown roots) and packaged it up for return to SGC tomorrow. Now I'll just wait and see if they can REALLY provide me with a QRP autotuner as their specifications indicate.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Tue, 04 Apr 2000 22:38:09 -0700
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-1@Lehigh.EDU
Subject: [67237] NC40/A front panel needed...
Message-ID: <38EAD141.684726A0@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello to All,

I am looking to replace my NorCal NC40 front panel, which is damaged. I'll take a Wilderness Radio stock 40A panel also, if you have one. Can you help? I would be most appreciative and thanks!

Pat Armstrong - AA7FG, Oregon...

Date: Wed, 05 Apr 2000 06:50:00 -0400
From: neil tanner <ntan@crosslink.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [67238] re:20m Centennial
Message-ID: <38EB1A58.405AB8AA@crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings...has anyone built the 20m Centennial? How was it?
Thanks...Neil wa4chq

Date: Wed, 5 Apr 2000 08:56:52 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <grp-l@Lehigh.EDU>
Subject: [67239] [FS] (Trade? Whatever?) RE: 217, 220, 224 - Argosy stuff
Message-ID: <125490A005E3D3118C9C00805FC743CC3E1965@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

If there are any Ten Tec collectors on the list, I managed to find a Model 207 ammeter, designed to be used with Model 252 or 262 Ten Tec Power supplies.

I don't want to sell it, but will trade it for a couple of 40 meter HC-6 or FT-243 crystals or a modest donation to the ARRL Laboratory Test Equipment fund. :-)

Anyone interested, please contact me directly.

73 from ARRL HQ,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St.
Newington, CT 06111
860-594-0318
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org/>.
ARRL Technical Information Service: <http://www.arrl.org/tis>.

-----Original Message-----

From: Dave Redfearn [mailto:n4elm@home.com]
Sent: Tuesday, April 04, 2000 10:12 PM
To: Low Power Amateur Radio Discussion
Subject: WTB: 217, 220, 224 - Argosy stuff

Looking for:

217 - 500 Hz CW filter
220 - 2.4 Khz SSB filter (or the original 4 pole SSB filter)
224 - audio filter
2?? - calibrator

for an Analog Argosy.

Have a 218 - 1.8 Khz SSB filter and 1124? - amplifier keyer board
for trade or swap

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Wed, 5 Apr 2000 09:16:52 -0400
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [67240] Re: T2R2 on a chip
Message-ID: <125490A005E3D3118C9C00805FC743CC420F1E@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Anyone want some Plessey SL6442 1 GHz RX front end chips?
20 pin mini-dip with 50 mil spacing. 7 chips, 2 demo pcbs, and
a datasheet to the first one who promises to report his results
and sends me a sase (4oz postage). Zack W1VT zlau@arrl.org

Date: Wed, 5 Apr 2000 08:21:25 -0500
From: w8ln@ifreedom.com
To: donaldphilbin@hotmail.com
Cc: qrp-l@lehigh.edu
Subject: [67241] Re: qrp AM transmitter needed for school project
Message-ID: <200004051318.JAA128020@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> The kids are real excited and my friend is looking for a 100 mW AM
> transmitter on the broadcast band (FCC part 15 (??) allows 100 mW into the
> transmitter if the antenna and ground do not exceed thirty feet (if my
> memory doesn't fail me).
>

You might want to post a message to the AM Stereo Email List at:

<http://amstereo.listbot.com>

There are quite a few builders on the list, and they might even suggest a good mono transmitter.

Also, if you can find an issue of Hobby Broadcasting they usually have kit ads, although that market generally goes for FM.

Some of the kits you can buy are quite poor, but they may do for the class project.

73 Bryan W8LN

<http://homestead.juno.com/lnrr/index.html>

This email account is used for email lists. Some of these lists require heavy filtering because of the high junk level. Please send replies to w8ln@arrl.net to insure that I receive your message.

Date: Wed, 5 Apr 2000 10:13:38 -0400

From: aa5yx@juno.com

To: qrp-1@Lehigh.EDU

Subject: [67242] Re: qrp AM transmitter needed for school project

Message-ID: <20000405.101339.10230.1.aa5yx@juno.com>

Try:

<http://www.panaxis.com>

John Harper AA5YX/2

HW-9, OHR-100A/20, Norcal 40A, SST30, SST40, DSW20

Outdoor QRP Page: <http://home.att.net/~j..harper>

On Wed, 5 Apr 2000 08:21:25 -0500 w8ln@ifreedom.com writes:

>

>> The kids are real excited and my friend is looking for a 100 mW AM

>> transmitter on the broadcast band (FCC part 15 (??) allows 100 mW

>into the

>> transmitter if the antenna and ground do not exceed thirty feet (if

>my

>> memory doesn't fail me).

>>

>

>You might want to post a message to the AM Stereo Email List at:

><http://amstereo.listbot.com>

>There are quite a few builders on the list, and they might even

>suggest a good mono transmitter.
>
>Also, if you can find an issue of Hobby Broadcasting they usually
>have kit ads, although that market generally goes for FM.
>
>Some of the kits you can buy are quite poor, but they may do for
>the class project.
>
>
>73 Bryan W8LN
><http://homestead.juno.com/lnrr/index.html>
>
>This email account is used for email lists. Some of these
>lists require heavy filtering because of the high junk
>level. Please send replies to w8ln@arrl.net to insure that
>I receive your message.

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 05 Apr 2000 07:24:41 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-1@lehigh.edu>
Subject: [67243] No Interest
Message-ID: <38EB4CA9.4587F0F5@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There is absolutely no interest in code sending
practice from 5 to 18 WPM on the bands.

No email, nada. So that idea I promoted yesterday
is scrapped.

-Ed "72"

--
72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
Brain, only as strong as its weakest think.

Date: Wed, 5 Apr 2000 10:35:16 -0400 (EDT)
From: David Ek <ekdave@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [67244] Re: Tech America Soldering Station
Message-ID: <382704166.954945316786.JavaMail.root@web31.pub01>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I also have a Tech America soldering station and find it to be entirely adequate for my purposes. The temp is regulated pretty well, and I haven't had any problems with its construction.

I admit that I *do* wish it had some finer tips available, but at the same time I note that I've built an NC-20 and a Sierra with it with no problems, and I'll be using it to build the SMK-1. But from a quality standpoint I can't find any reason to criticize it over the last year or so that I've owned it. When you can get it on sale I think it's a pretty good deal.

Dave AB0GO

Date: Wed, 05 Apr 2000 09:53:43 -0500
From: Michael Melland <badger@vbe.com>
To: we6w@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67245] Re: No Interest
Message-ID: <38EB5377.521F2CA1@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed Loranger wrote:

> There is absolutely no interest in code sending
> practice from 5 to 18 WPM on the bands.
>
> No email, nada. So that idea I promoted yesterday
> is scrapped.

Ed,

Gee..... I must have missed your proposal. As for me I think it's a good idea. Lord knows I need all the help I can get. I think that except for those few who are really proficient <rpt few> this would have been a great idea. Seeing as most of the cw traffic is around 13-18 wpm I think it's needed..... I know it is for me. My only problem, related to my job, is setting any sort of advance schedule.

73 de Mike, W9WIS

Date: Wed, 05 Apr 2000 08:08:33 PDT
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [67246] Club Forum: KI6DS & ArkieCon
Message-ID: <20000405150833.28026.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Guys, I am really getting excited. Tomorrow afternoon I catch a plane in San Jose to fly back to Ft. Smith via Dallas. Jay Bromley will be picking me up at the airport, and will be my host for the weekend. JoAnne has given him a long checklist of things I am supposed to do, but I'll still have a good time, grin.

Last night I worked on a Zmatch Tuner that old friend Charlie Tuner, errr Charlie Lofgren, W6JJZ, designed for me. I told him that I wanted a very small inexpensive tuner that would work with balanced line input (NorCal Doublet) and used the polyvaricon variable capacitors available from Mouser.

Charlie sent me the circuit this weekend, and wow!! He not only designed a tuner that would work for 40 meters, he gave me 30 and 20 as a bonus. It uses a T106-2 core, and has an enhanced Dan Tayloe, N7VE LED indicator. I built the tuner into a pc board enclosure that measures 2.75" x 3.0" x 1.5", so it is really small. Charlie also made it absorptive (hope that is the right word) so that you switch your transceiver to a dummy load while you are tuning up (keeps you from frying those finals).

I will be talking about building the tuner, the SMK-1 transceiver, the NorCal Doublet antenna, and a keyer paddle combination. This will get you on the air for about \$50!! If you were to replace the SMK-1 with an Small Wonder Labs 40+ Elmer 101 rig, you would have a very serviceable station capable of making all the contacts that you want for \$75. Every one who attends my talk will also get a free ArkieCon 2000 mobile log book.

Chuck Adams, K7Q0, will not be able to be with us due to his recent angioplasty. He is recovering nicely in Arizona. His topic was going to be manhattan style construction. I will talk a little about that, but will not be able to come even close to the presentation that he had prepared. But, I will have something special there. Mike Fitzgibbon has sent me two manhattan style SST's that he made, and they are works of art. Mike is writing an article on how to build them for a future issue of QRPP. You will get to see how a master builder uses manhattan construction, and you will be amazed at the quality of Mike's work.

I really feel honored to be on a panel of speakers that includes Paul Harden, NA5N, Jim Duffey, KK6MC/5, Dave Gauding, NF0R, and Glen Leinweber, VE3DNL. The first thing that I did was to make sure that JayBob put me first, because I don't want to follow any of those guys, grin.

The final pre-registration count was 89, and that is amazing folks. Think of how far people are coming for this event. They won't be disappointed, as JayBob Bromley, Kelsey "Hanging Judge" Mikel, Keith Newman, Win and Lucy Dooley, and the lady with the beautiful bright smile, Kathy Vines have a full weekend of exciting events planned.

Hanging Judge Kelsey was able to get the restrictions on the baja Kansas guys lifted, and Burl, Dub, Clif, Royce and the boys are planning another invasion. Can't wait to meet all of the old friends and to meet new ones. Larry Wise is driving up from Texas. When you see Larry ask him about debugging the RadioKit transceiver a few years ago. It is an interesting story.

Ok, gotta get to work, the bell just rang. See you at ArkieCon. 72, Doug

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Date: Wed, 05 Apr 2000 11:18:46 -0400
From: Jimbob <kw3u@warwick.net>
To: k5zty@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67247] Re: Tech America Soldering Station
Message-ID: <38EB5955.37E7B5C@warwick.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all;

I also bought the tech-am soldering station some months back. the tip was little big for some work. However; during my present

construction of a sw-40+(hey, better late than never), I popped
in a GC #12-072 tip. Works fine. I would guess any 1/32"
shud work fine.

No info on GC precision tools as I picked up a few of these
at last years local hamfests.

72's Jim KW3U

Date: Wed, 05 Apr 2000 08:14:49 -0700
From: Charlie Panek <charlie_paneke@agilent.com>
To: qrp-1@Lehigh.EDU
Subject: [67248] Re: Help ID FAR Circuits PC Board
Message-ID: <38EB5869.5954311D@agilent.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sounds like PA0ZR's active attenuator from Nov '92 QST. See:

http://home.att.net/~jleggio/projects/rdf/a_atten.htm

Except that circuit used a single fet. So maybe not. But
per their catalog, FAR circuits does sell the active attenuator
PC board..

<http://www.cl.ais.net/farcir/direct1.htm>

--
Charlie Panek
kx7l@amsat.org

Date: Wed, 05 Apr 2000 08:10:23 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-1@lehigh.edu>
Subject: [67249] Traffic Relay Net?
Message-ID: <38EB575F.2BE1ADD7@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang, I am going to hit the arrl webpage for more
information on this but thought I'd head off the email
delay by posting first.

I've been going over all the common CW goals we often hear about:

Send better; send faster; copy faster; copy imperfect code better; head copy; word copy over letter copy; Iambic challenged; bug key challenged; straight key imperfections in sending.....Split operations, net control procedures, general ragchew experience (don't know what to say...) Code procedures, A-1 Operators.

Anyway, the QRQ net has helped with faster and better sending. Eliminating the brain while sending hardcopy sentences has helped immensely. Also, the weekly ragchews where the brain is engaged have been improved with increased sending speed ability and readability and code quality.

I was thinking it would be neat, maybe not?, to have a traffic relay network. A link of QRP stations shipping a message across the U.S. and back with some type of authentication procedure while in transit for message verification. I think this would be fun. Something like 2 minutes per message handshaking so all stations keep busy until an end-of-traffic signal is passed along. I think it would be fun, kind of like musical chairs.

I'm looking for suggestions on this, how to make it fun, perhaps existing procedures and other on-air sending processes that are fun. Perhaps a state net and extra-state relay targets. I don't know. Maybe even a NVIS county relay or something over many days where we meet for an hour to intercept traffic relay status reports for prior messages of days gone by.

I know this sounds crazy, but any attempt to convince me shall be met with an unconditional love of the code and ham radio.

72/Ed we6w

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
Brain, only as strong as its weakest think.

Date: Wed, 05 Apr 2000 08:16:32 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-1@lehigh.edu>
Subject: [67250] Argonaut 509 fun.
Message-ID: <38EB58CF.DD00D6BC@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang, I broke away from the K2 project yesterday after completing and installing the noiseblanker with upgrade. works great btw.

I opened up the Argonaut 509 and calibrated all the VFO's to spec. and peaked the harmonic mixer. Also the 9 MHz trap, TX/RX mixer peaking and other misc. calibrations. Next is the SSB calibration.

I noticed that my sniffer probe catches signals around the box. The 509 is loaded with emminations and I'll be looking for all the leakage points and work to eliminate or reduce all these radiations.

I have the CW keying click mod, some notes on IF improvemet regarding replacing wires with coax, and also some other notes I can't quite recall but they are in the shack.

Just wanted to update everyone who was interested in this project which was in the wings for the last few months.

Any refreshing hints gladly accepted. The manual is a bit weak on where and how to monitor signals and it was just a guess on my part on how to balance the VFO/IF feedthru circuit.

FYI -Ed

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
Brain, only as strong as its weakest think.

Date: Wed, 05 Apr 2000 09:07:48 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [67251] Really loooooooooooooong quotes...
Message-ID: <3.0.5.32.20000405090748.00929b90@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

....
>
>-----
>
>End of QRP-L Digest 1780
>*****
>-----

Come on folks, learn how to use the editing capabilities of your email program so that you don't send long quotes back to the list ... ESPECIALLY entire digests!!

Sheesshh..

Date: Wed, 5 Apr 2000 09:23:23 -0600
From: "Dave Ek" <ekdave@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [67252] Re: Tech Americal Soldering Station
Message-ID: <001a01bf9f12\$e2e7c110\$3f813389@ekdant>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

The Tech America soldering station is on sale right now for \$74.97. Go to radioshack.com and search for cat. no. 910-3893.

The Edsyn station that is popular among the group is #910-1901, but it's not on sale right now. I've seen it go on sale every so often for about \$75 or so.

73,

Dave AB0GO

Date: Wed, 5 Apr 2000 10:29:53 -0500
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [67253] ArkieCon
Message-ID: <0974781F4FC8D211A24600902727E806011B208E@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

All,

My wife just informed me that there is an air show being held in Stillwater, Ok. this weekend! Being the Aviation mgr. of the aviation program at the college, I think that means that I have to go to the airshow instead of Ft. Smith. I was planning on flying the plane to Ft. Smith and she is planning on flying the plane to Stillwater. Since we only have one airplane, I guess it is going to Stillwater.

Whine,

Hal

Date: Wed, 5 Apr 2000 09:44:19 -0600
From: "Dave Ek" <ekdave@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [67254] Tech America Soldering Station Owners Unite!
Message-ID: <002301bf9f15\$f61bf460\$3f813389@ekdant>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

If you own a Tech America soldering station, how about dropping by their web site and sending a message to Customer Relations asking them to produce a finer tip for the station? Here's the URL:

<http://www.radioshack.com/ContactUs/CustomerIndex/1,2056,1,00.html>

The catalog number of that soldering station is 910-3893--probably a good idea to include that in your message.

Who knows--maybe they'll listen!

73,

Dave AB0GO

Date: Wed, 5 Apr 2000 11:55:09 -0400
From: "J. Ervin Bates" <w8erv@email.msn.com>
To: <we6w@qsl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [67255] Re: No Interest
Message-ID: <001701bf9f17\$62cf9a20\$2f22113f@win98>

Ed:

No! Don't scrap it yet! I didn't see your post and I, for one, want to improve my sending and receiving. I passed that 20 by the skin of my teeth, so add my name to the list and lets see if we can get some interest going on it. I'd like to start at about 10 and go up from there, because I can send/receive about 12-14 right now, but not real comfortably.

I know I'm kinda showing myself here, but Ed, you are doing something we should ALL appreciate.....even the old timers. It's called Elmering and I would be appreciative of ANY Elmering you or anyone else offered.

My best days for practice would be Saturday or Sunday afternoon. Saturdays would be subject only to my work schedule, which is not consistent. I know if I am working by Friday evening and would be willing to call you if I had to work.

On behalf of those who missed your offer and wish to partake, I thank you for your kindness. This is what our Hobby is all about. I'm puttin' my money.....er, paddles, where my mouth.....er, mike is.

72,
Erv W8ERV

HamFair2000 is coming...ask me about it!
"Dare to Dream-It Sets Your Spirit Free!"

10-10# 70639 - QRP-ARCI# 9702 - SOC# 41
QRP-L #1569 - NorCal Zombie #236 - Worked All
El Paso #033/1999 - Member, MI DX Assn. - Member, MI QRP Club

Date: Wed, 05 Apr 2000 09:01:24 -0700
From: Allan G Taylor <agtaylor@llnl.gov>
To: qrp-1@lehigh.edu
Subject: [67256] SST-Tick1 interfacing question
Message-ID: <38EB6354.2A75@llnl.gov>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am putting a Tick1 into my 20m SST starting from a bare Tick1 chip (from a NC20 kit that was upgraded to Tick3). The keyer is in and running but the sidetone from the Tick messes with the SSTs sidetone. Even turning it (the Tick1 sidetone) off, the SST sidetone is very slow to come on upon keying. Kinda like a bleating hoarse yew. I implemented the circuit given on the Embedded Research web site and it uses a coupling capacitor followed by a cap to ground just as it goes to the audio of the rig. To implement this I put a .1 uF from one of the input pins (In2) of the LM386 to ground, also on the LM386 (pin 4), coupling in to that input pin to the middle of the voltage divider that ties into the Tick1 sidetone out pin (pin 3). The voltage divider is not set up right yet (I misread the schematic and put in a 100k instead of a 1Meg...pretty loud right now). I wouldn't expect the change to the correct 1Meg to affect much on the other end of the coupling circuit.

Could someone who has installed a Tick into an SST give me some coaching here?

73

GT

--
Allan Taylor K7GT agtaylor@llnl.gov
DXCC 2000 M1nm. award /QRP -- 63 since 2/22/00
SOC #6 QRP ARCI #10146 HI/QRP #93

Date: Wed, 5 Apr 2000 16:04:43 -0000
From: "Mark Hogan" <mhogan@email.msn.com>
To: <w8erv@email.msn.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [67257] Re: No Interest
Message-ID: <008d01bf9f18\$a8b6b180\$9ee90181@cityweb.gov>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ed, I ditto the other station...
MY CW NEEDS MORE HELP...
I'll try to make it for this type of practice. Thanks for the elmering
offer we need more of it.

Mark Hogan N50BC
SST-40 / 38s Speed-X Bug
NC-20 / FT847 NorCal Keyer
Zombie 660, SOC 185, G-QRP 4972, all that junk...

> No! Don't scrap it yet! I didn't see your post
> it. I'd like to start at about 10 and go up from there, because I can
> send/receive about 12-14 right now, but not real comfortably.
> Sunday afternoon.

Date: Wed, 5 Apr 2000 10:28:07 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67258] Re: ArkieCon
Message-ID: <Pine.SUN.4.10.10004051026220.10287-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 5 Apr 2000, Deitz, Harold L. wrote:
> I was planning on flying the plane to Ft. Smith and she is planning
> on flying the plane to Stillwater. Since we only have one airplane, I guess
> it is going to Stillwater.
>
> Whine,
>
> Hal

Wow. Only a one plane family. What a drag!

Sorry you can't make it this year, Hal. We'll miss you and catch you
next year hopefully, or at Ft. Tuthill or something. Enjoy the airshow

though ... they're pretty fun too.

72, Paul NA5N

Date: Wed, 05 Apr 2000 09:32:33 -0700
From: Allan G Taylor <agtaylor@llnl.gov>
To: we6w@qsl.net, qrp-1@lehigh.edu
Subject: [67259] Re: Traffic Relay Net?
Message-ID: <38EB6AA1.686D@llnl.gov>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

While I certainly understand what you are trying to do, I believe personally that the days of the traffic nets are over and that one can have plenty of practice copying crummy cw under lousy conditions at various speeds by simply chasing some DX or operating in one of the bigtime contests (Sweepstakes comes to mind!).

Instead, let's simply get on the air and decide to each strive to send better, be more patient with those who don't, search out a weak station and work on it until we can enter it in our logs, even at the price of turning up the power control on our rigs until we can get through. Let's not start another net when they are dying of natural causes.

GT

--
Allan Taylor K7GT agtaylor@llnl.gov
DXCC 2000 Mlnm. award /QRP -- 63 since 2/22/00
SOC #6 QRP ARCI #10146 HI/QRP #93

Date: Wed, 5 Apr 2000 10:36:13 +0100
From: n4so@juno.com
To: qrp-1@Lehigh.edu
Subject: [67260] Low Frequency 1750-meter band
Message-ID: <20000405.103757.16734.6.N4S0@juno.com>

The band which no license is required is called the 1750 meter band, or frequencies 160 to 190 kHz. Radio experimenters that use the 160 to 190 kHz

band are called Lowfers. Antennas systems and power must conform to FCC Part 15 Rules. It would be illegal to transmit in the AM broadcast band. Refer to QST April 1994, "Build Your Own Lowfer Transceiver", by David Curry, WD4PLI

737 N Fairview St.
Burbank, CA 91505

A nice photo of the completed transceiver is on the QST cover

My notes also refer to CQ Mag. Sept. 1997, p. 40, and also to:

Lowfer Newsletter//Lowdown
LWCA
45 Wildflower Rd.
Levittown, PA 19057
naswal@aol.com

Ken Brown N4SO
Mobile, Alabama
NorCal-20 at 5 watts/4el beam

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 05 Apr 2000 11:47:58 -0500
From: Marty <N5NW@midsouth.rr.com>
To: qrp-1@lehigh.edu
Subject: [67261] Re: No Interest
Message-ID: <91rmes0i22rkj0vhktvvv2iapu9acu2u8s@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Wed, 05 Apr 2000 07:24:41 -0700, Ed Loranger <we6w@qsl.net> wrote:

>There is absolutely no interest in code sending
>practice from 5 to 18 WPM on the bands.
>
>No email, nada. So that idea I promoted yesterday
>is scrapped.

Sorry Ed, must have missed that post. What was the subject line? I =
thought I
was picking up all the "slow code" subjects, but apparently missed that =

one.

I'd be very interested in 10-25 wpm, but I'm not sure how well =
propagation
would hold from the West Coast to the East. Plus, my work schedule is
somewhat "flexible", shall we say. I'd be interested in a late night =
(0230z
or so) session east of the Rockies twice a week or so. I've not been =
able to
hear your QRQ net here on the banks of the Mississippi.

Might have to resort to QRO power to ensure readability.

I'm going to start planning to be on from 0230-0330z on Wednesday and =
Fridays
(2130-2230, or 9:30pm-10:30pm, CDT on Tuesday and Thursday nights), in =
the low
part of the 40m Novice band. If any on the east wish to join in, look =
for me.
I'll be a sort-of "net control", but not using formal netting procedures.=
It
will be mostly a rag chew, and if there are more than one or two =
participants,
we'll try to let everyone report on other signals heard.

--

Marty, N5NW

-----=

Lakeland (Memphis), Tennessee =
<http://marty.w.tripod.com/>
N5NW@midssouth.rr.com

Date: Wed, 05 Apr 2000 04:09:15 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [67262] Free New Version QRP Dupe Logging Program
Message-ID: <38EB1EDB.C7391C00@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

Just in time (I hope) for this weekend's ARCI Contest, I have uploaded
the latest version of QRPDUPE (Version 2.0 Beta 1). This is a free BETA

version in that only 4 contests are supported.

This version has been tested to run on Windows 3.1, 95 and 98. Many other contests will be included in the final release version. There will be some other added features as well. We plan to ask a donation of \$ 10.00, to go into the ScQRPion treasury, when that version is released.

Just read the README file that is zipped along with the .EXE and .VBX files. The .VBX files probably won't be needed as explained in the readme file. If you have the latest version, and want to install this version in the same directory, you must remove any existing files in that directory, or install the new version in a different directory.

I plan to have the next version which will include the QRPTTF contest, available by the middle of next week too, but wanted to get this version out so as to allow folks to get it, and run it a few times before this weekend.

As always, your comments and criticisms are most welcomed.
To download:

<http://www.dancris.com/~bkassel/index.htm#top>

Brian K7RE

Date: Wed, 5 Apr 2000 13:16:26 -0400
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: qrp-1@Lehigh.EDU
Subject: [67263] Re: T2R2 on a chip
Message-ID: <125490A005E3D3118C9C00805FC743CC420F76@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

The chips are spoken for--Zack

Date: Wed, 05 Apr 2000 13:22:03 -0400
From: Russ Hines <radioruss@fuse.net>
To: n4so@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67264] Re: Low Frequency 1750-meter band
Message-ID: <38EB763A.D67621CA@fuse.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

While Ken's comment on 1750m is accurate, Part 15 in fact allows unlicensed intentional radiation on several frequency bands, including the AM broadcast, FM broadcast, and TV broadcast bands. For example, unlicensed high school and college carrier current stations operate on these bands. Other intentional radiation, such as remote control, telephone, intercom, etc., is allowed provided the provisions of Part 15 are followed. Subpart C of Part 15 which restricts the frequencies in which only spurious emissions from an intentional radiator may be tolerated.

The key is following the provisions of Part 15, which many (not all) devices and their operators do not.

73,
Russ
WB8ZCC

n4so@juno.com wrote:

>
> The band which no license is required is called the 1750 meter band,
> or frequencies 160 to 190 kHz. Radio experimenters that use the 160 to
> 190 kHz
> band are called Lowfers. Antennas systems and power must conform to FCC
> Part 15 Rules. It would be illegal to transmit in the AM broadcast band.
> Refer to QST April 1994, "Build Your Own Lowfer Transceiver", by David
> Curry, WD4PLI
> 737 N Fairview St.
> Burbank, CA 91505
> A nice photo of the completed transceiver is on the QST cover
>
> My notes also refer to CQ Mag. Sept. 1997, p. 40, and also to:
>
> Lowfer Newsletter//Lowdown
> LWCA
> 45 Wildflower Rd.
> Levittown, PA 19057
> naswal@aol.com
>
> Ken Brown N4SO
> Mobile, Alabama
> NorCal-20 at 5 watts/4e1 beam
>
> -----
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!

> Juno now offers FREE Internet Access!
> Try it today - there's no risk! For your FREE software, visit:
> <http://dl.www.juno.com/get/tagj>.

Date: Wed, 5 Apr 2000 13:05:07 -0500
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [67265] Source for FT-243 crystals
Message-ID: <0974781F4FC8D211A24600902727E806011B2092@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

All,

Here is a source for NEW FT-243 crystals. I got this information from my buddies at International Crystal in Oklahoma City.

Dr Crystal
2735 Ave A
Council Bluff, IA 51501

Ph. 712-323-7539

Hal

Date: Wed, 05 Apr 2000 13:16:07 -0500
From: David Heintzleman <pstrdave@kdsi.net>
To: qrp-1@Lehigh.EDU
Subject: [67266] CW: no interest
Message-ID: <38EB82E7.9DE577AF@kdsi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I, too missed the post - enjoy cw copying, grew up as a ham loving cw
- would be glad to be a part of a net, a sked, one on one, or...??

Dave Heintzleman
K8BBM
QCWA 24662 FISTS 4293 MI QRP 124 QRP ARCI 6354

Date: Wed, 5 Apr 2000 13:34:07 -0500
From: Karl Kanalz <KKanalz@excel.com>
To: "'hdeitz@ms.rose.cc.ok.us'" <hdeitz@ms.rose.cc.ok.us>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67267] RE: Source for FT-243 crystals
Message-ID: <2D343922E283D211945C0008C7A41B2A02B20982@adntex01.adsn.dal.excel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Is J.A.N. Crystals (in Florida) still in business?

How 'bout C.W. Crystals?

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Deitz, Harold L. [mailto:hdeitz@ms.rose.cc.ok.us]
Sent: Wednesday, April 05, 2000 1:05 PM
To: Low Power Amateur Radio Discussion
Subject: Source for FT-243 crystals

All,

Here is a source for NEW FT-243 crsyals. I got this information from my buddies at International Crystal in Oklahoma City.

Dr Crystal
2735 Ave A
Council Bluff, IA 51501

Ph. 712-323-7539

Hal

Date: Wed, 05 Apr 2000 13:51:10 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: we6w@qsl.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [67268] Re: No Interest
Message-ID: <3.0.2.32.20000405135110.007e65a0@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ed,

I don't think the email you mentioned made it to the list. I often see replies to messages where no original showed up here.

I do code practice at 5 wpm farnsworth for our local group on 2 meters but that wouldn't help your proposal.

I can't handle the speeds you talk about with your QRQ nets but up to 25 wpm would be fine.

Chuck Carpenter, Point, Rains County, Texas -- RARA #003
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

Date: Wed, 05 Apr 2000 12:03:04 -0700
From: Roger Hightower <n7kt@worldnet.att.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [67269] Re: No Interest
Message-ID: <38EB8DE8.C0DAA1E0@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, I found Ed's posting. The question about a 5-18 wpm code practice net was buried in the April 4 posting of QRQ practice sentences.

That's probably why no one noticed it.

--

72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

Date: Wed, 05 Apr 2000 15:09:56 EDT
From: kb9iua@juno.com
To: qrp-l@lehigh.edu
Subject: [67270] WTB: Used mobile CW/SSB all band transceiver for < \$500 ??
Message-ID: <20000405.125845.5367.0.kb9iua@juno.com>

QRP Folks:

With my coming move to North Dakota for a year, and likely temporary housing situations for several years, I feel like I may need to get into mobile ham radio for a period of time.

The current crop of HF rigs (Alinco, Icom 706, Yaesu FT-100) are sure nice, but most definitely way out of my price league. Under \$500 is the best I can do right now, so a used TenTec Argo Scout (556) with modules, Kenwood TS-130V, etc., are more what I am looking for. I hope to operate 40, 30, 20, 15, and 10 meters, both CW and SSB (so a Sierra, for instance, is not a possibility). Ideally I'd have a 500Hz CW filter as well and some sort of noise blanker.

I plan to invest in some Hamsticks with quick-release connections and a tri-magnet mount. At the moment my vehicle is an older ('88) Chrysler minivan.

Is this doable? Any offers of rigs? (Am I crazy? :-)

Suggestions most welcome. THANKS. Cheers/73,
Kevin, KB9IUA

Kevin Anderson, KB9IUA, Rock Island IL EN41
e-mail: KB9IUA@juno.com Opinions all my own.

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 05 Apr 2000 14:49:19 -0500
From: "George T. Baker" <w5yr@att.net>
To: kb9iua@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67271] Re: WTB: Used mobile CW/SSB all band transceiver for < \$500 ??
Message-ID: <38EB98BF.674E9606@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kevin, my suggestion is that you look for a really clean Icom IC-730 with 500 Hz CW filter. I have had one in several vehicles since 1982 and it still does the job. Noise blanker is quite good. Covers all WARC bands but no 160.

72/73, George
Fairview, TX 30 mi NE Dallas in Collin county

Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

Date: Wed, 5 Apr 2000 20:19:16 -0000
From: "Mark Hogan" <mhogan@email.msn.com>
To: <w5yr@att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [67272] Re: WTB: Used mobile CW/SSB all band transceiver for < \$500 ??
Message-ID: <014c01bf9f3c\$5f94e1b0\$9ee90181@cityweb.gov>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Perfect timing... Here is what happened last night. Also last Tuesday I worked

RV3WW
OK1APV
V31GI
RV3ZZ

All with the IC-730 / Hustler with the small 20m load and 5 watts qrp ssb. This is a gread combo. But I've got the 250 hz cw filter, man this is a great filter! You tune them in and call, wham they are there! Oh yea 175 for the rig, 50 for the filter and 78 for the antenna with the 20/40 loads.

OK so last night I stop in my truck between rounds at the school, flip the IC-730 to 14.060 via the Hustler mobile fold over deale-bop-e and there is a guy calling cq dx ... its a ua9mhn. I answer no deal, I turn the power up to 5 w and answer no deal. I look around a little someone is talking to him on .059...I listen, thee copy is done where did they go, I move and he is finishing a split call on .061...I call, he comes back to me with a 579! I admit he was sending quicker then I can copy, But I made the contact, got some of what was said and am still in shock. Should have bought the antenna a long time ago, sure works better then the 102" whip and the Dentron super tuner:)

BTW used an old military straight key in a tin box, BUNNELL I think complete with web leg straps for the mobile contact, lots of fun.

Ok excitement over have fun on the bands.

ps the other station was sure warbly last night was it the solar activity that Paul reported on causing this?

Mark Hogan N50BC

SST-40 / 38s Speed-X Bug
NC-20 / FT847 NorCal Keyer
Zombie 660, SOC 185, G-QRP 4972, all that junk

Date: 03 Apr 2000 16:49:27 -0400
From: Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
To: qrp-l;;
Subject: [67273] Arkiecon post-qrp forum Q&A
Message-ID: <2000Apr03.164927-0400@[130.113.234.7]>

Hamfest visitors,

Wow, Arkiecon this weekend! Am going to be speaking on green radios: stuff you can do to around your radio to conserve battery power.

And I'm going to discuss some efficient amplifier circuits using Class-E-like techniques. Was checking the HANDBOOK last night to see what they say about Class-E and it sorta reads like this: "Hooooooo - scary stuff!" I hope to show its not so scary - we'll see.

I had wanted to address circuit mods that you can make to your radio to improve efficiency (reduce DC current) but there's a LOT of different radios out there. After the forum, I understand there's a free-for-all Q&A. If you've got a favorite radio, bring along a schematic, so we can see what potential there might be for improvements. Have a SW40+ and can make suggestions for that one (its schematic is practically burned into my brain). But am not so "burned in" with others.

Am really looking forward to meeting y'all on Friday/Saturday!
Glen VE3DNL

Date: Wed, 5 Apr 2000 15:54:59 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [67274] ArkieCon Help
Message-ID: <00c501bf9f38\$d3829a80\$33e508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Will there be a kit building contest?

Anyone one going to ArkieCon that is going to take some pictures, digital or regular?

If so, please send me a direct e-mail.

72 & 73

Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@talon.net

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153
VA QRP Society	

Date: Wed, 5 Apr 2000 17:05:08 -0400
From: "Paul Christensen" <paulc@mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [67275] For Sale: Norcal 20 w/ Anodized Enclosure
Message-ID: <01a501bf9f42\$a07763a0\$63230e3f@paulc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale: Norcal 20, approximately 95% complete...only the toroids remain for completion. Professionally assembled. Includes manual and all parts for the anthology of mods as described in QRPP (Article included). Complete 10-turn pot and the gorgeous black anodized Hauff enclosure that is no longer being produced by Custom Enclosures. \$120.00 + \$8.00 shipping F.O.B. - Jacksonville (OR will consider a trade for either a RedHot 40 OR SWL DSW 20 ONLY). I believe the Hauff enclosure sold for about \$25. So,

you're essentially purchasing the NC20 and enclosure at the original price plus an awful lot of my detailed labor....just ask anyone who has assembled the NC20.

-Paul, W9AC

Date: Wed, 5 Apr 2000 15:37:54 -0700
From: "Barry L. Geipel - AD6HR" <bgeipel@primenet.com>
To: <we6w@qsl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [67276] Re: Traffic Relay Net?
Message-ID: <005601bf9f4f\$992c3ff0\$5dc9bbc0@cwil.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ed,

I am the manager for the Southern California Net/CW, which is part of the National Traffic System. I have found NTS to be the number two best way to increase my operating skill (number one is QRP operating!). The difference between traffic handling and ragchewing is accuracy. It is okay if you miss a few letters here and there while ragchewing, but in NTS you need to strive for 100% copy. Great practice.

In range of your wonderful signal are two fine nets. One is the Northern California Net which meets weekday evenings at 0200z on 3635 KHz. 15 minutes later at 0215z the Southern California Net meets on 3598 KHz. We always want visitors and new ops!

I hope to hear you on Ed. If I am not NCS, tell them that Barry, AD6HR sent you.

73,
Barry AD6HR - SCN/CW Manager

----- Original Message -----
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, April 05, 2000 8:10 AM
Subject: Traffic Relay Net?

> Hi gang, I am going to hit the arrl webpage for more
> information on this but thought I'd head off the email
> delay by posting first.
>
> I've been going over all the common CW goals we
> often hear about:
>
> Send better; send faster; copy faster; copy imperfect
> code better; head copy; word copy over letter copy;
> Iambic challenged; bug key challenged; straight key
> imperfections in sending.....Split operations, net
> control procedures, general ragchew experience (don't
> know what to say...) Code procedures, A-1 Operators.
>
> Anyway, the QRQ net has helped with faster and better
> sending. Eliminating the brain while sending hardcopy
> sentences has helped immensely. Also, the weekly
> ragchews where the brain is engaged have been
> improved with increased sending speed ability and
> readability and code quality.
>
> I was thinking it would be neat, maybe not?, to have
> a traffic relay network. A link of QRP stations shipping
> a message across the U.S. and back with some type of
> authentication procedure while in transit for message
> verification. I think this would be fun. Something like
> 2 minutes per message handshaking so all stations keep
> busy until an end-of-traffic signal is passed along. I think
> it would be fun, kind of like musical chairs.
>
> I'm looking for suggestions on this, how to make it fun,
> perhaps existing procedures and other on-air sending
> processes that are fun. Perhaps a state net and extra-state
> relay targets. I don't know. Maybe even a NVIS county
> relay or something over many days where we meet for an
> hour to intercept traffic relay status reports for prior messages
> of days gone by.
>
> I know this sounds crazy, but any attempt to convince me shall
> be met with an unconditional love of the code and ham radio.
>
> 72/Ed we6w
>
> --
> 72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
> <http://www.qsl.net/we6w> Santa Rosa, CA
> Brain, only as strong as its weakest think.
>

>
>
>
>

Date: Wed, 05 Apr 2000 17:50:31 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: n4so@juno.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67277] Re: Low Frequency 1750-meter band
Message-ID: <005401bf9f51\$59c037c0\$d0763ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

You CAN use the AM broadcast band (510 - 1705 kHz) for such purposes as long as no interference is created. The restrictions are 100mW and a maximum of a 3m long antenna. It has been done for years and in fact there are many experimental beacons setup on the band. These are some really dedicated QRP types.

Check out the following page for reference:

<http://www.lwca.org/sitepage/part15/whatisit.htm>

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

End of QRP-L Digest 1782

